

# Conference and Workshop on TWO-MODE SOCIAL NETWORK ANALYSIS

BRIDGING THE GAP  
BETWEEN SUBSTANTIVE AND METHODOLOGICAL QUESTIONS  
IN SOCIAL NETWORK ANALYSIS

## INTRODUCTION AND OVERVIEW:

Over the last decades social scientists from very different fields have increasingly started studying two-mode social network data, i.e. where ties are only formed between different groups of nodes. A variety of data can be conceptualized as a two-mode network. These include: interlocking directorates, voting-behavior and cosponsorship-behavior, membership of formal and informal groups, participation to specific events, contagion of diseases among cattle through the sharing of farms, the spread of diseases through sexual contact, collaborative work among scientists and shared projects, studies related to market research and loyalty to institutions, as well as research on actors co-starring in the same movies.

## CONFERENCE (October 1 - 2, 2009)

By bringing together researchers with a methodological and substantive background in social network analysis, this conference aims to provide a forum to share ideas and to further the development of substantive questions on those topics – as the ones listed in the overview – which can be studied using two-mode (or more-mode) network data.

### Calls for papers:

Innovative papers, on topics related to how and why network ties are formed in two-mode networks, the effects that such network structures have on the actors or events, as well as other research questions involving a two-mode network approach are welcomed. In addition, papers on methodological problems related to two-mode network analysis are also encouraged.

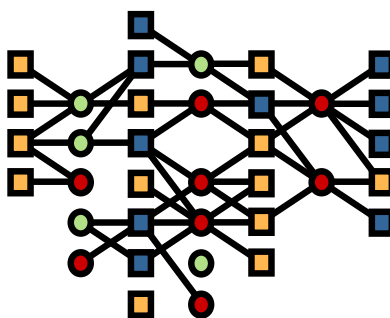
### Submission of abstracts:

To submit your abstract for the conference send an email with an abstract of one page to: [2MN@fsw.vu.nl](mailto:2MN@fsw.vu.nl).

- Deadline for abstracts: **April 29th, 2009**
- Notice of acceptance: **May 25th, 2009**
- Deadline for papers: **August 30th, 2009**

### Conference registration:

The registration fee is €120 before June 30th (and €150 for late registration). To register send an email to: [2MN@fsw.vu.nl](mailto:2MN@fsw.vu.nl).



## Keynote Speaker:

**Steve Borgatti**  
University of Kentucky

### Location:

**VU University Amsterdam**  
**Amsterdam, The Netherlands**  
**September 30 - October 2,**  
**2009**

### Organizers:

Filip Agneessens  
Peter Groenewegen  
Gerhard van de Bunt



## WORKSHOP (September 30, 2009)

In recent years a number of programs and techniques have become available to describe and model two-mode networks. Methods have been developed to define central actors or events in a network, to distinguish groups of actors and events, and to capture local structures, as well as the importance of characteristics of actors and events on the choices of events made by actors (using ERGM/ $p^*$  modelling). In addition to this, methods have recently been developed to look at processes in two-mode networks using a longitudinal approach (SIENA).

### Modules:

- Descriptive measures, techniques and visualization of two-mode data with UCINET (**Steve Borgatti**, University of Kentucky & **Filip Agneessens**, VU University Amsterdam)
- Exponential random graph modelling ( $p^*$ ) for two-mode network data using BPNNet (**Peng Wang**, University of Melbourne)
- Longitudinal analysis of 2-mode network data using SIENA (**Tom Snijders**, University of Oxford & University of Groningen)

### Workshop registration:

The registration fee is €70/workshop. Each workshop consists of a half-day hands-on tutorial. To participate send an email to: [2MN@fsw.vu.nl](mailto:2MN@fsw.vu.nl). Please note that the number of places is limited.